



Zoo Interchange Integrated Corridor Management

PERFORMANCE REPORT

November 2017

(September Performance Data)

September Updates

Events that impacted traffic in September:

TIA Impact: On September 5, an incident on I-94 EB near Hawley Rd resulted in slower travel times in the AM. (See page 1)

TIA Impact: On September 29, an incident on WIS 100 NB near National Ave (closing two right lanes) resulted in slower travel times for WIS 100 NB and I-41 NB in the PM. (See page 5)

There were four additional slower travel times for the following dates not related to recorded incidents:

- September 1: I-41 NB (I-94 to Capitol Dr) in the PM
- September 6: I-94 EB (Barker Rd to 84th St) in the AM
- September 22: I-41 NB (Beloit Rd to I-94) in the PM
- September 28: I-41 SB (Capitol Dr to I-94) in the PM

All data is two months behind the month it is reported as project data sets are not available until 3-4 weeks after the month ends.

Mobility Summary—September

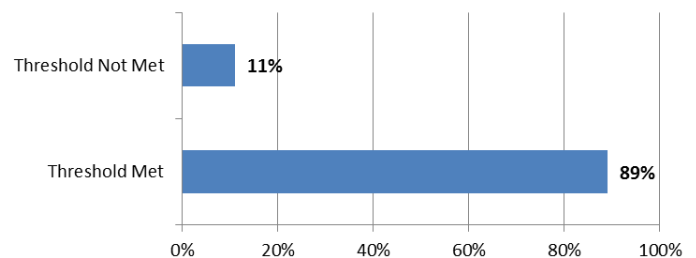
Corridor Average Travel Time measures the average travel time for a peak period against an established travel time threshold. The travel time threshold for arterial roads is 50% of the posted speed limit. The travel time threshold for freeways is the time it takes to travel the segment at 45 mph.

All arterial segments in September met the travel time thresholds.

Four freeway segments in September did not meet travel time thresholds:

- I-41 SB (Capitol Dr to I-94) Corridor (PM)
- I-94 EB (Barker Rd to 84th St) Corridor (AM & PM)
- I-41 NB (Beloit Rd to I-94) Corridor (AM)

Corridor Average Travel Time

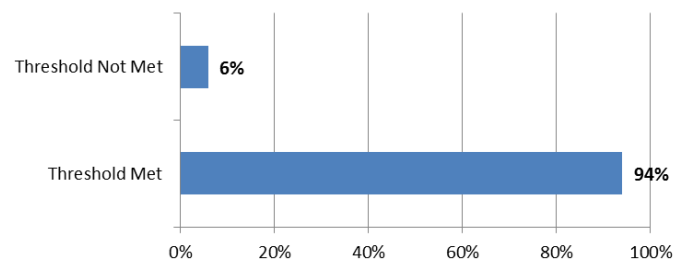


Percent Under Given Speed Threshold measures how many hours during the month peak travel times (AM and PM) speeds are slower than 50% of the posted speed limit for arterial corridors. Because of the varying speed limits on arterial roads, each corridor has a different threshold. Freeways are measured against a speed threshold of 45 mph. The percentage of speeds under the threshold should be less than 50%.

During September all freeway corridors were under 50% except for I-41 NB (Beloit Rd to I-94) which was at 60%.

The majority of arterial corridors were under 3%, the exceptions being WIS 100 SB (I-94 to Beloit Rd) (6%), 84th St NB (6%), and 84th St SB (5%).

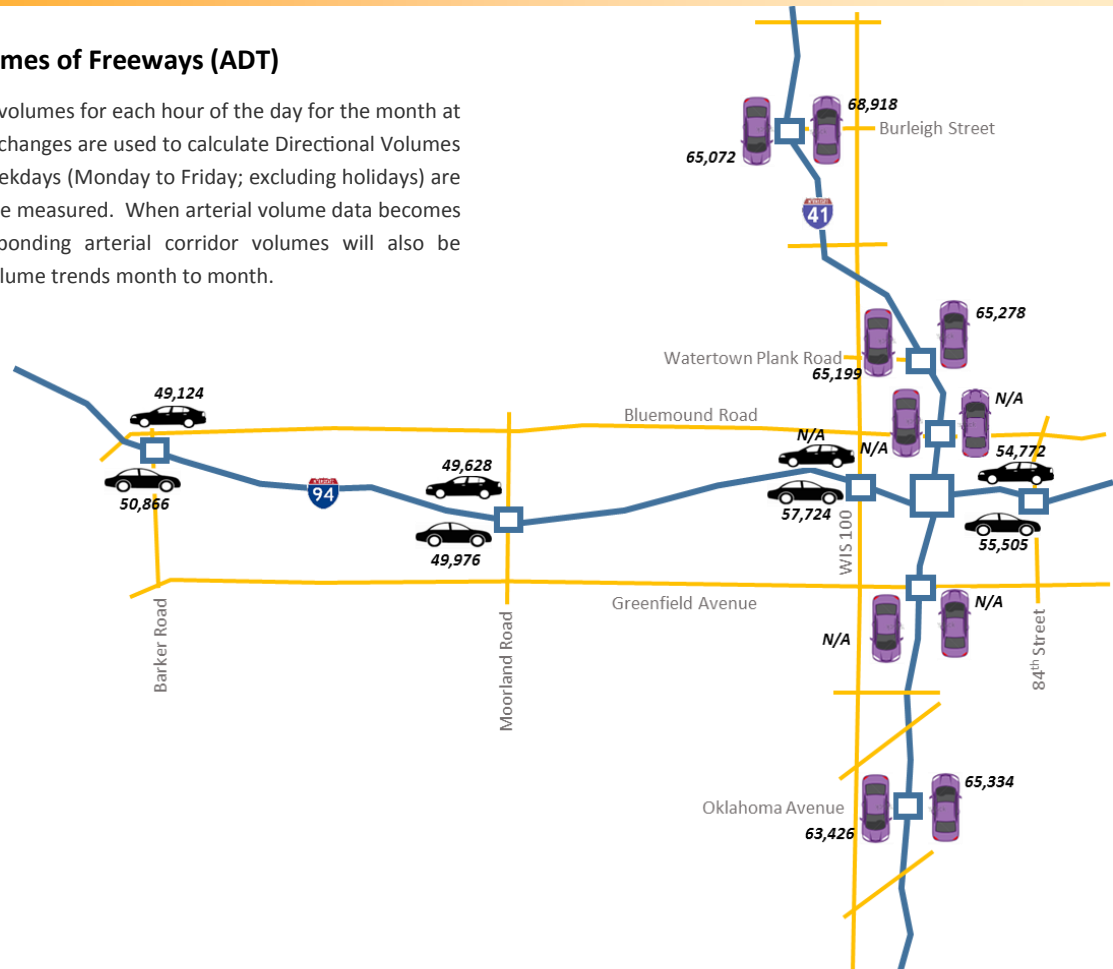
Percent Under Given Speed Threshold



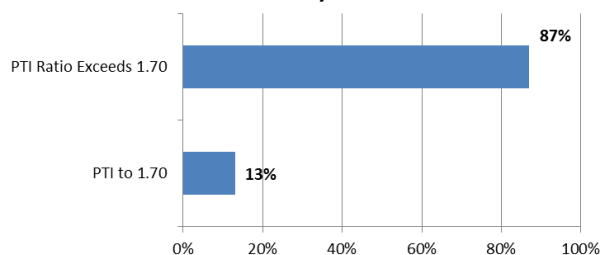
Mobility Summary—September

Directional Volumes of Freeways (ADT)

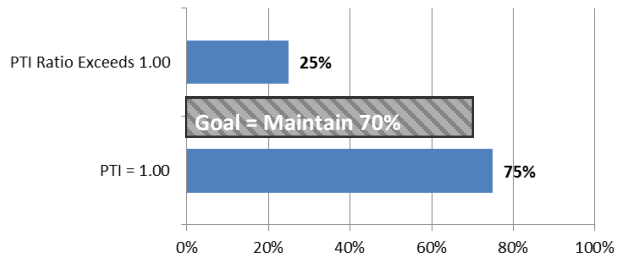
The average freeway volumes for each hour of the day for the month at specific corridor interchanges are used to calculate Directional Volumes of Freeways. Only weekdays (Monday to Friday; excluding holidays) are included in the volume measured. When arterial volume data becomes available the corresponding arterial corridor volumes will also be shown to compare volume trends month to month.



Freeway PTI



Arterial PTI



The Planning Time Index (PTI) metric is the ratio of 95th percentile travel time to: (1) Travel time at 50% of the posted speed limit for arterial corridors, and (2) Travel time at posted speed limit (55 mph and 70 mph) for freeway corridors. This includes both AM and PM peak periods for the month. The minimum ratio is 1.00.

During September three arterial corridors exceeded the minimum PTI ratio of 1.00: 84th St NB & SB and Moorland Rd SB. See page 12 for all arterial PTI ratios.

All freeway corridors exceeded the minimum PTI ratio of 1.00. Four corridors exceeded 2.00: I-41 SB (Capitol to I-94), I-41 NB (Beloit to I-94), I-94 EB and WB (Stadium to Zoo), and I-94 EB (Barker to 84th). See page 12 for all PTI ratios.

September Events

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				<p>I</p> <p>■ 7:10pm—Brewers Game at Miller Park</p> <p>■ 11:24am-11:48am: I-41/894 SB at Cleveland Ave (two left lanes closed)</p>
<p>4</p> <p>■ 12:28am-3:17am: I-94 WB at Moorland Rd (all lanes closed)</p>	<p>5</p> <p>■ Rain (Trace, 7:00pm-8:00pm)</p> <p>■ By 9:00am: Short-term left lane closure on Burleigh St EB/WB at 124th St</p> <p>■ 8:56am-9:27am: I-94 EB at Hawley Rd (lanes affected unknown)</p>	<p>6</p> <p>■ Rain (0.02 inches, 2:00pm-11:00pm)</p> <p>■ By 6:00am: Long-term left shoulder closure I-41NB/SB at south of Hampton</p> <p>■ By 6:00am: Curtis Rd NB/SB traffic was shifted to the new NB roadway; Fairview EB/WB between Curtis Rd and 116th St reopened</p> <p>■ 11:50am-12:43pm: I-41/894 NB at Zoo Interchange (left lane closed)</p> <p>■ 8:10pm-9:31pm: I-94 WB at Zoo Interchange (left lane closed)</p>	<p>7</p> <p>■ Rain (0.01 inches, 1:00pm-2:00pm)</p> <p>■ 12:05pm-5:04pm: I-94 EB exit ramp to WIS 100 (ramp closed)</p> <p>■ 12:19pm-1:23pm: I-94 EB at 121st St (right lane closed)</p>	<p>8</p> <p>■ Rain (0.22 inches, Midnight-10:00am)</p> <p>■ 7:40am-8:11am: I-94 EB at 70th St (lanes affected unknown)</p> <p>■ 6:53pm-7:33pm: WIS 100 entrance ramp to I-94 EB (ramp closed)</p>
<p>11</p> <p>■ 6:40pm—Brewers Game at Miller Park</p> <p>■ 9:05am-10:01am: I-41/894 NB/SB at Schlenger Ave (left lane closed)</p>	<p>12</p> <p>■ 6:40pm—Brewers Game at Miller Park</p> <p>■ 12:16am-3:41am: Greenfield Ave WB at 103rd St (all lanes closed)</p> <p>■ 9:05am-9:55am: I-94 EB at 84th St (left lane closed)</p>	<p>13</p> <p>■ 7:10pm—Brewers Game at Miller Park</p>	<p>14</p> <p>■ Fog (6:00am-7:00am)</p> <p>■ 2:40pm-4:13pm: I-94 EB at Elm Grove Rd (right lane closed)</p>	<p>15</p> <p>■ 7:10pm—Brewers Game at Miller Park</p> <p>■ 2:00pm-2:45pm: Bluemound Rd WB at Sunnyslope Rd (right lane closed)</p> <p>■ 2:01pm-2:40pm: I-41/894 SB at National Ave (right lane closed)</p> <p>■ 2:42pm-3:45pm: I-94 WB at 76th St (two right lanes closed)</p>

September Events—Continued

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
18 <ul style="list-style-type: none"> 8:10am-9:38am: I-94 WB at Moorland Rd (all lanes closed) 11:55am-1:14pm: I-94 EB ramp to Zoo Int WN/WS (ramp closed) 	19 <ul style="list-style-type: none"> Fog (10:00pm-Midnight) 1:55pm-2:56pm: I-94 WB at Mitchell Blvd (lanes affected unknown) 3:03pm-3:59pm: Zoo Int NE system ramp (left shoulder closed) 	20 <ul style="list-style-type: none"> Fog (Midnight-7:00am) By 3:00pm: Short-term left lane closure on Burleigh St EB/WB at 124th St reopened Overnight: I-41 SB traffic switch to the new SB roadway between Bluemound Rd to Lincoln Ave 7:38am-8:18am: I-94 EB at 92nd St (right shoulder closed) 12:10pm-12:45pm: I-41/894 NB at Greenfield Ave (left lane closed) 	21 <ul style="list-style-type: none"> 7:10pm—Brewers Game at Miller Park By 5:00am: Bluemound Rd entrance ramp to I-41 SB opened 6:59am-7:57am: I-94 EB at Elm Grove Rd (lanes affected unknown) 8:15am-9:21am: I-94 WB at 124th St (two left lanes closed) 	22 <ul style="list-style-type: none"> Harvest Fair/Maker Faire - Wisconsin State Fair Park 7:10pm—Brewers Game at Miller Park Overnight: I-41/894 NB traffic switch between Lincoln Ave to Greenfield Ave; National Ave entrance ramp to I-41/894 NB closed long-term 8:00am-8:23am: I-94 EB ramp to Zoo Int WN/WS (ramp closed) 8:03am-9:51am: I-94 WB at Mitchell Blvd (right shoulder closed)
25 <ul style="list-style-type: none"> By 7:00am Sat (9/23): Lincoln Ave entrance ramp to I-41/894 NB reopened 	26 <ul style="list-style-type: none"> Rain, T-Storm (0.46 inches, 11:00am-6:00pm) 6:40pm—Brewers Game at Miller Park 	27 <ul style="list-style-type: none"> 7:10pm—Brewers Game at Miller Park 1:25pm-2:07pm: WIS 100 NB at I-94 EB off ramp (all lanes closed) 5:01pm-5:35pm: WIS 10 NB at Lapham St (two left lanes closed) 	28 <ul style="list-style-type: none"> Milwaukee Film Festival 7:10pm—Brewers Game at Miller Park Overnight: I-41/894 NB traffic switch between National Ave and Lincoln Ave 	29 <ul style="list-style-type: none"> Milwaukee Film Festival Rain (Trace, 1:00am-2:00am) Overnight: I-41/894 SB traffic switch between Lincoln Ave and National Ave; National Ave entrance ramp to I-41/894 SB closed long-term By 9:00am Sat (9/30): Greenfield Ave entrance ramp to I-41/894 SB reopened 4:52pm-5:19pm: WIS 100 NB at National Ave (two right lanes closed)



ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - September 2017

Network Health Summary—September

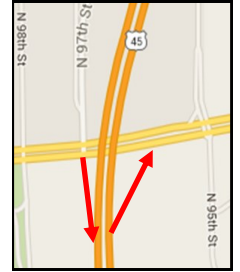
	<i>Previous Month</i>	<i>Current Month</i>	<i>Target</i>	<i>Target Met</i>
DEVICE FAILURE IMPACT				
<i>CCTV</i>	5-Low 2-Medium 2-High	3-Low	<5	✓
<i>DMS</i>	2-Medium 1-High	2-Low	<5	✓
<i>Ramp Meter</i>	2-Medium	2-Low 2-Medium	<5	✓
<i>Bluetooth</i>	2-Low 1-Medium	2-Low	<5	✓
MAJOR COMMUNICATION FAILURE IMPACT	None for August	None for September		
DEVICE COMMUNICATION AVAILABILITY				
<i>CCTV</i>	100%	100%	90%	✓
<i>DMS</i>	98%	98%	90%	✓
<i>Bluetooth</i>	100%	100%	90%	✓
<i>Signal</i>	96%	97%	90%	✓

September Construction Events

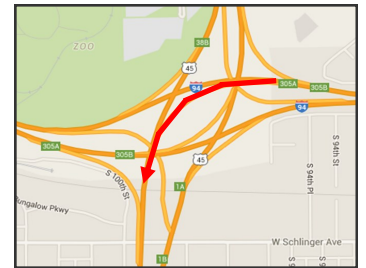
LONG TERM CLOSURES

Full Closure: Bluemound Rd Entrance Ramp to I-41 SB (Closed until late September 2017)

Full Closure: I-41 NB Exit Ramp to Bluemound Rd (Closed until late April 2018)

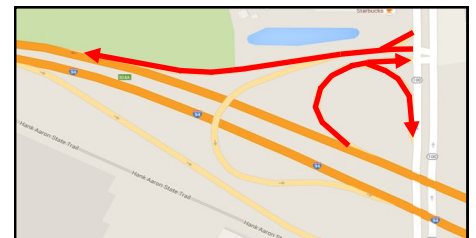


Full Closure: Zoo Interchange WB to SB System Ramp (Closed until June 2018)



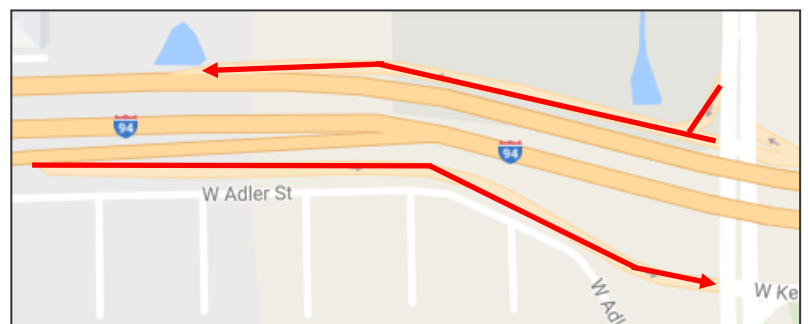
Full Closure: WIS 100 Entrance Ramp to I-94 WB (Closed until October 2017)

Full Closure: I-94 WB Exit Ramp to WIS 100 (Closed until October 2017)



Full Closure: 84th Entrance Ramp to I-94 WB (Closed until late 2017)

Full Closure: I-94 EB Exit Ramp to 84th St (from I-94 EB and I-41 SB) (Closed until late November 2017)



September Construction Events

LONG TERM CLOSURES

Partial Closure: Greenfield Ave Entrance Ramp to I-41/894 NB (Access to I-94 EB only) (Late 2017)

Full Closure: Lincoln Ave Entrance Ramp to I-41/894 NB (Closed until October 2017)

Full Closure: Greenfield Ave Entrance Ramp to I-41/894 SB (Closed until October 2017)

Full Closure: I-41/894 SB Exit Ramp to Greenfield Ave (Closed until Summer 2018)

Full Closure: I-41/894 SB Exit Ramp to Lincoln Ave (Closed until Summer 2018)





ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - September 2017

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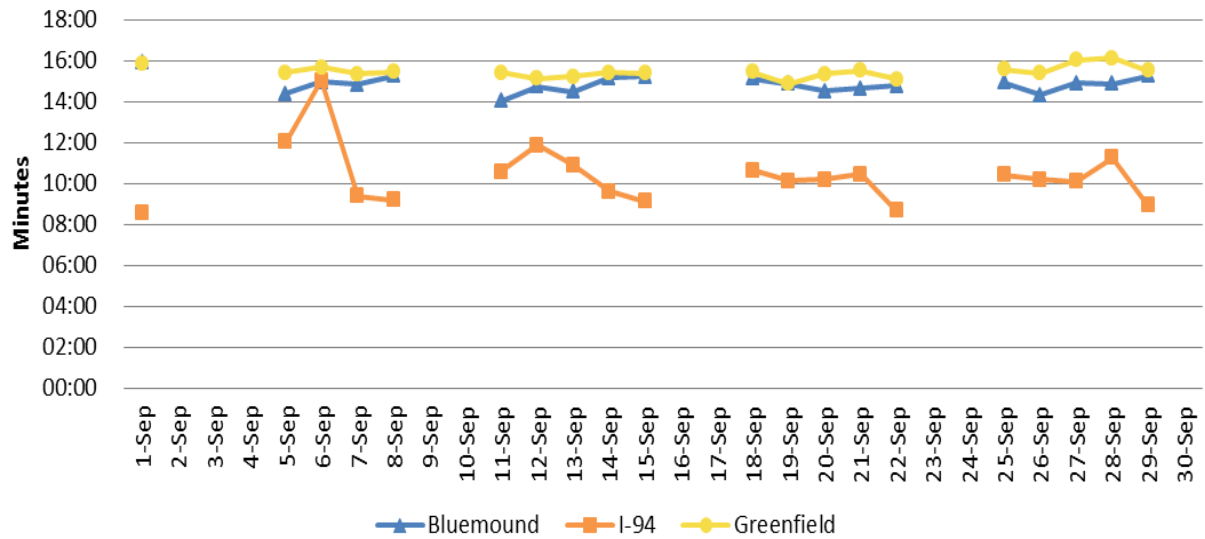
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CORRIDOR AVERAGE TRAVEL TIME

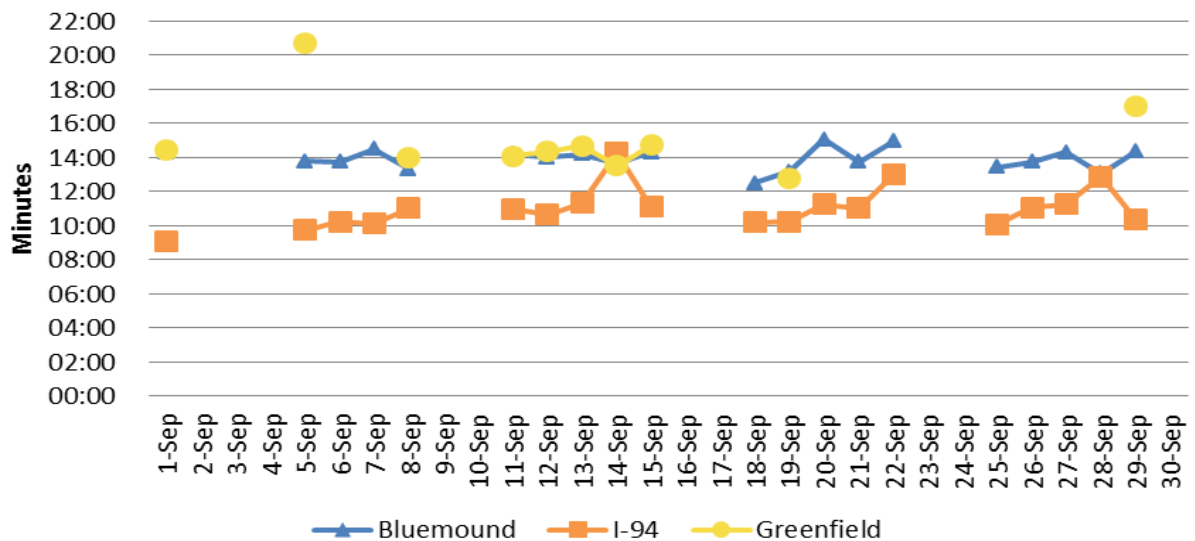
Barker Road to 84th Street (Eastbound)

AM



Barker Road to 84th Street (Eastbound)

PM

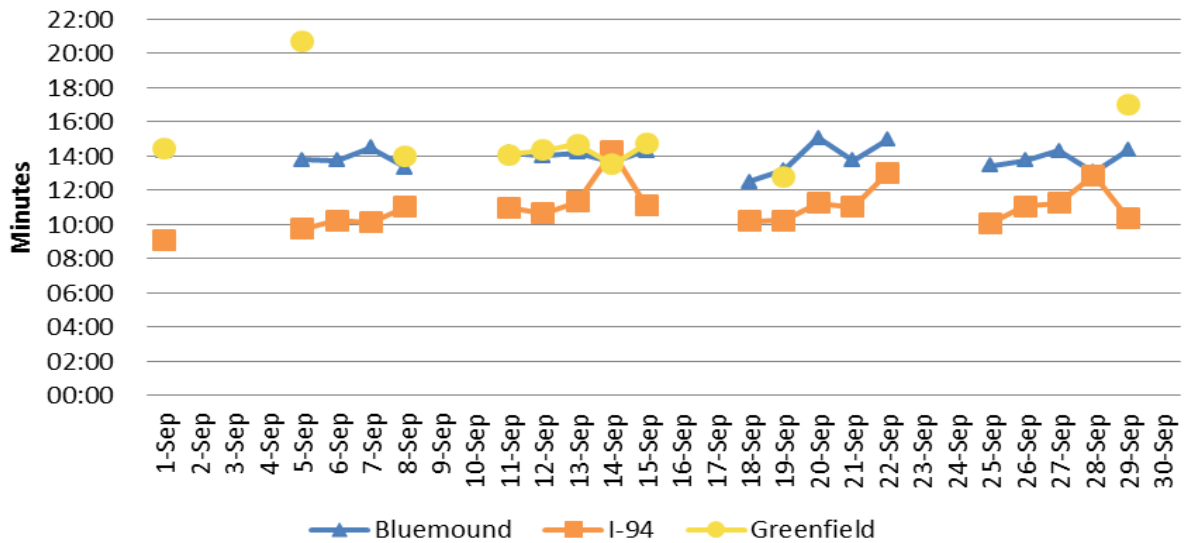


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

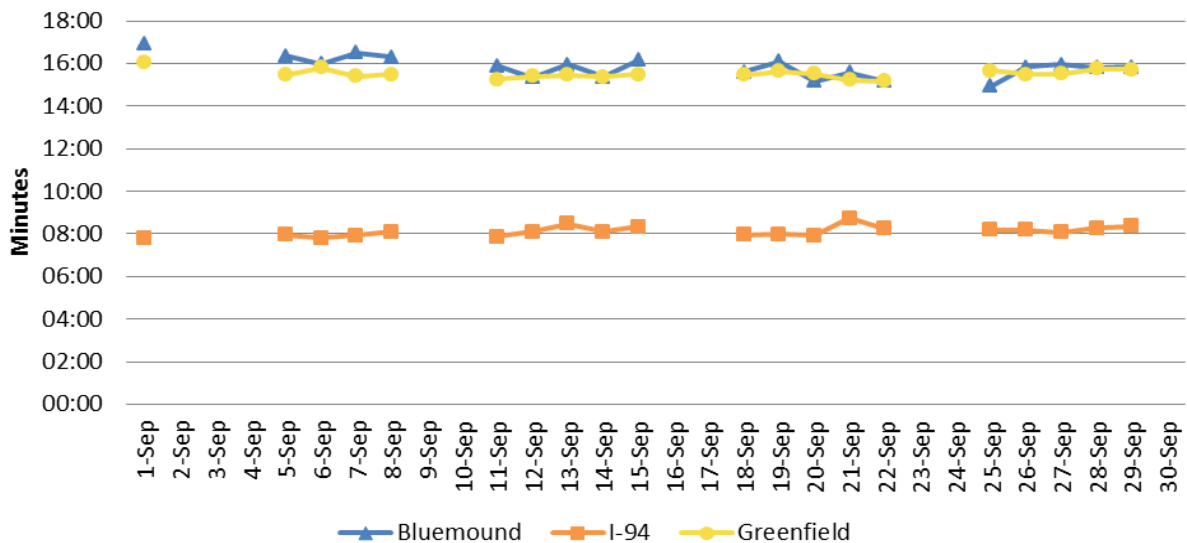
84th Street to Barker Road (Westbound)

AM



84th Street to Barker Road (Westbound)

PM

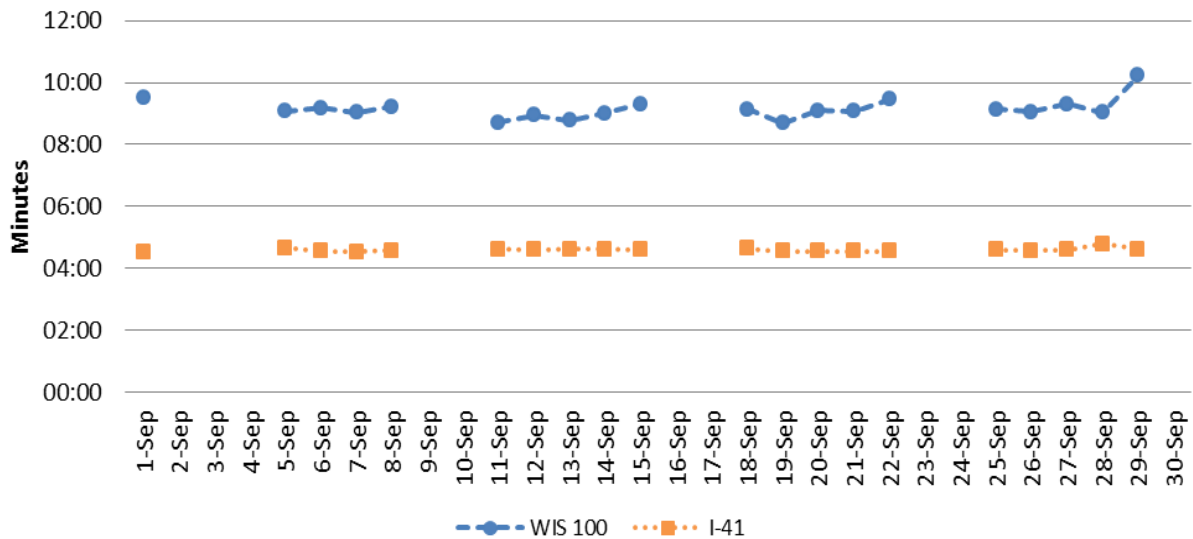


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

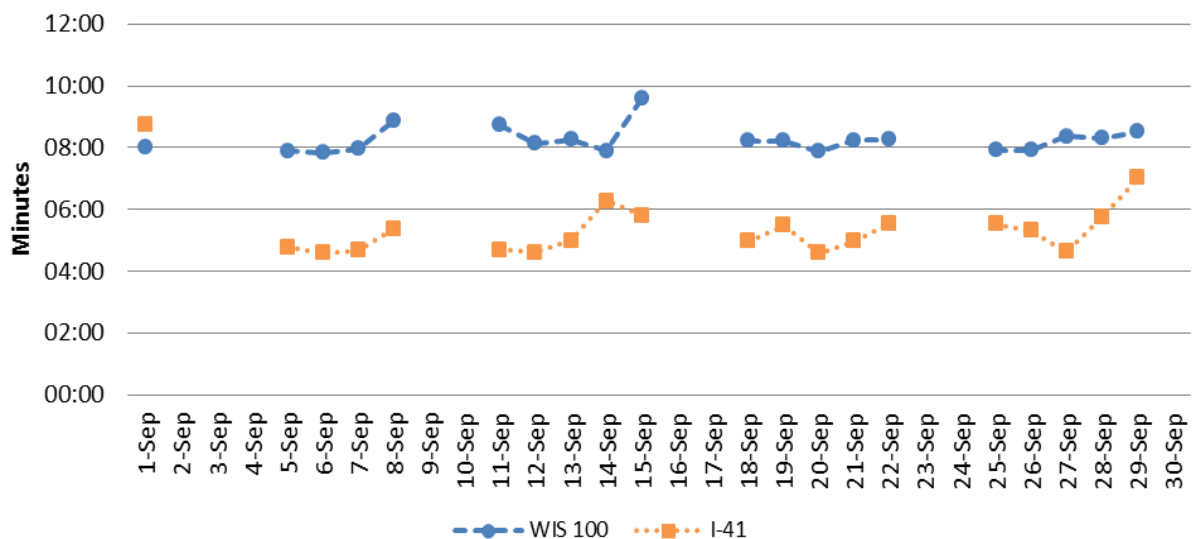
NORTH LEG - I-94 to Capitol Drive (NB)

AM



NORTH LEG - I-94 to Capitol Drive (NB)

PM

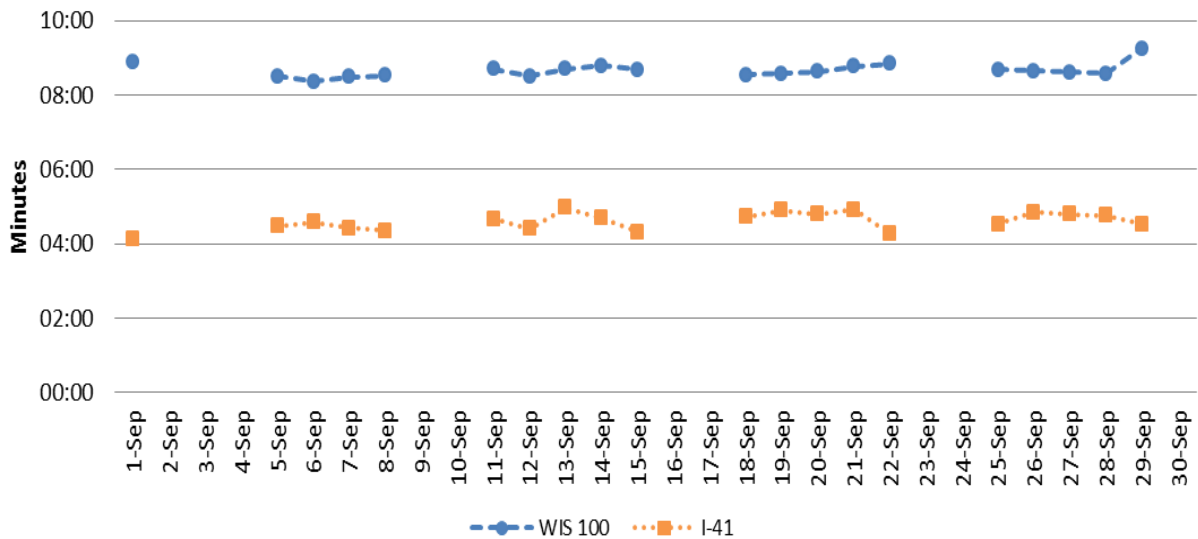


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

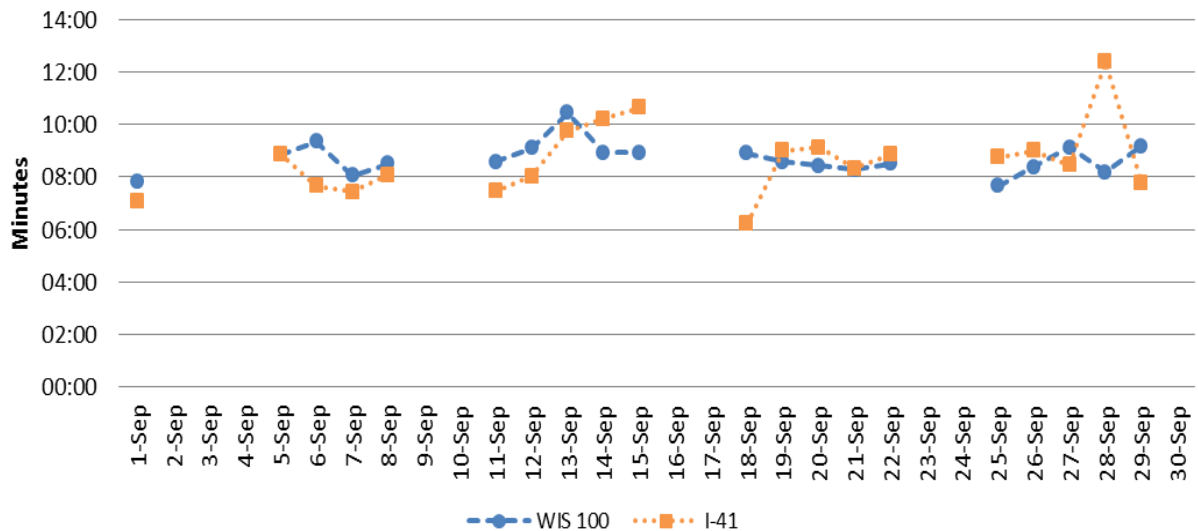
NORTH LEG - Capitol Drive to I-94 (SB)

AM



NORTH LEG - Capitol Drive to I-94 (SB)

PM

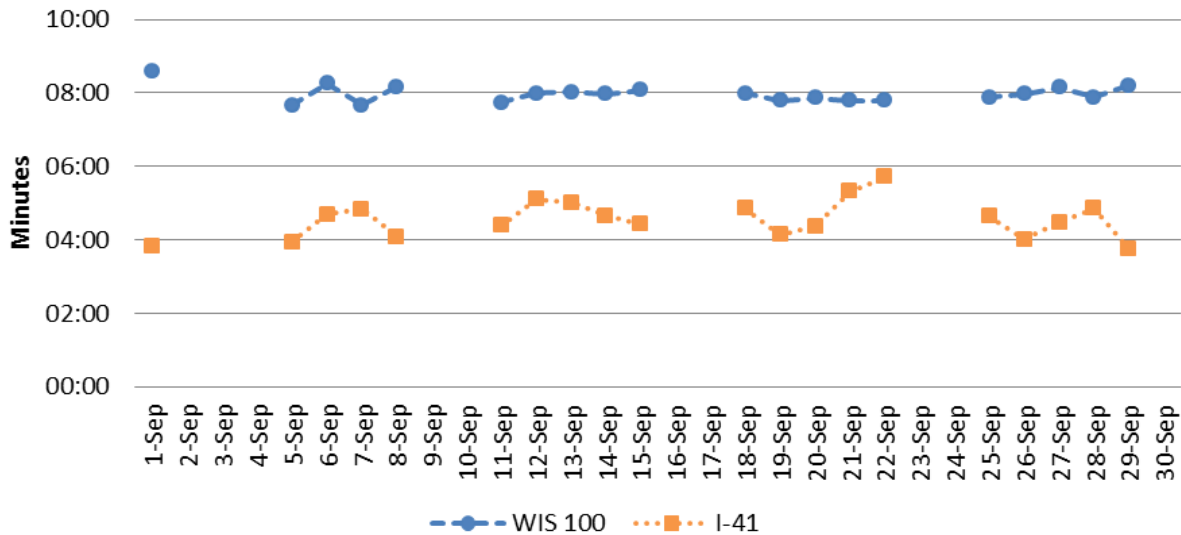


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

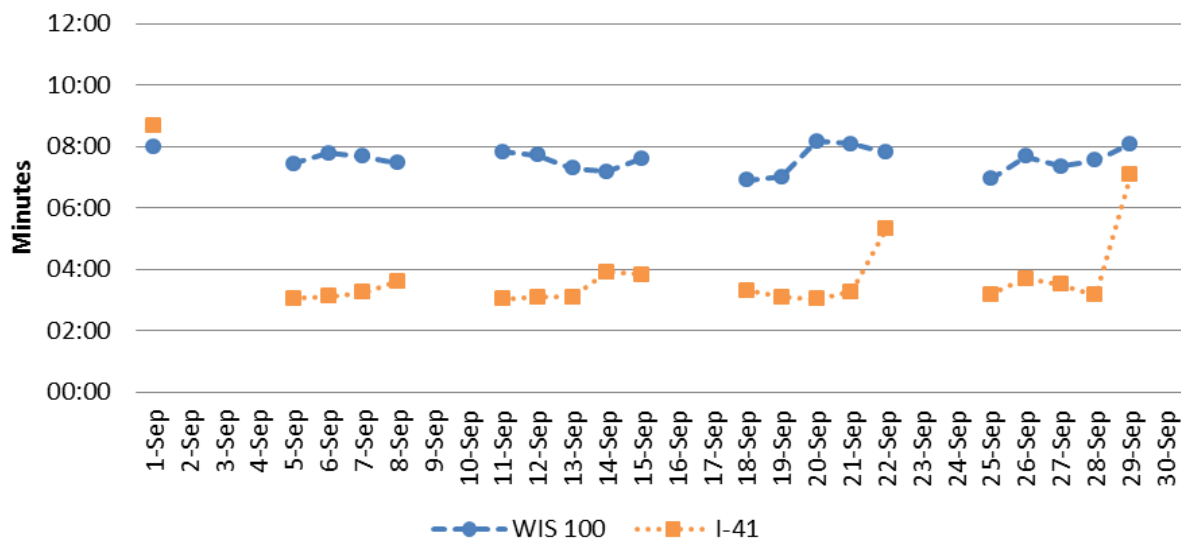
SOUTH LEG - Beloit Road to I-94 (NB)

AM



SOUTH LEG - Beloit Road to I-94 (NB)

PM

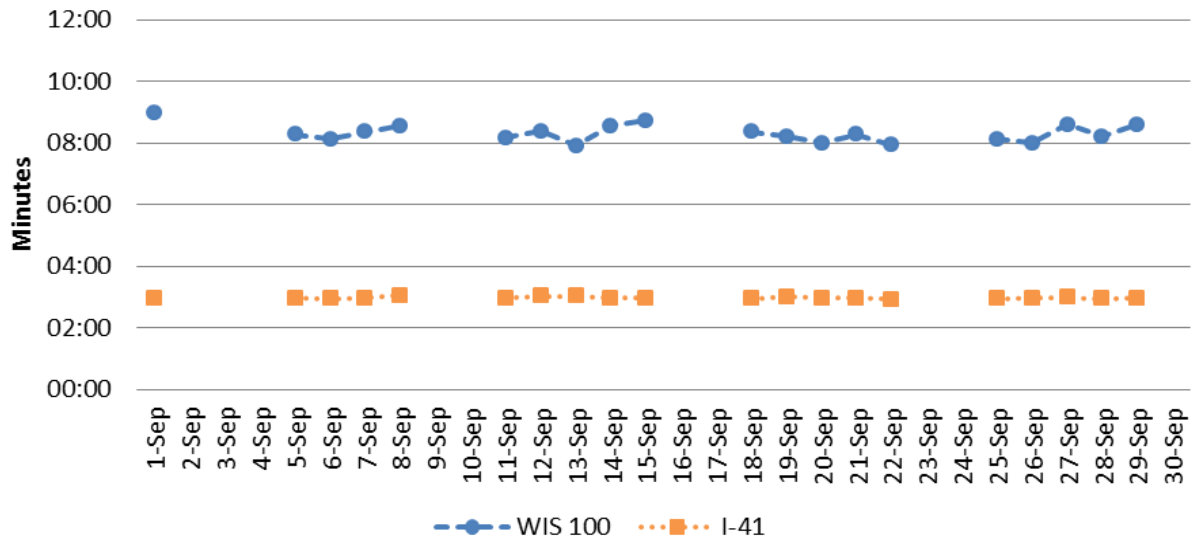


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

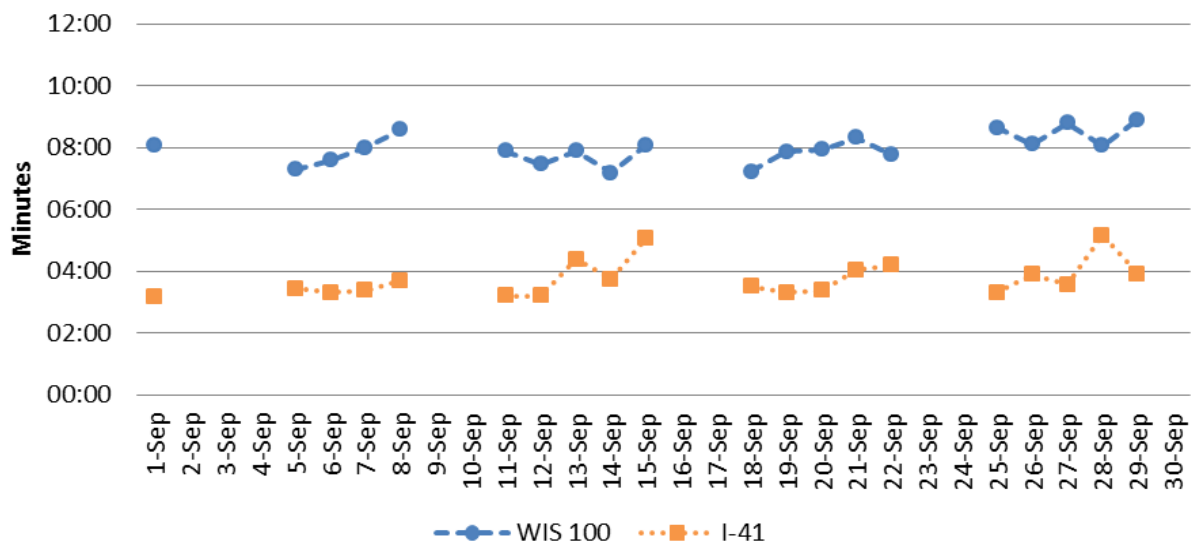
SOUTH LEG - I-94 to Beloit Road (SB)

AM



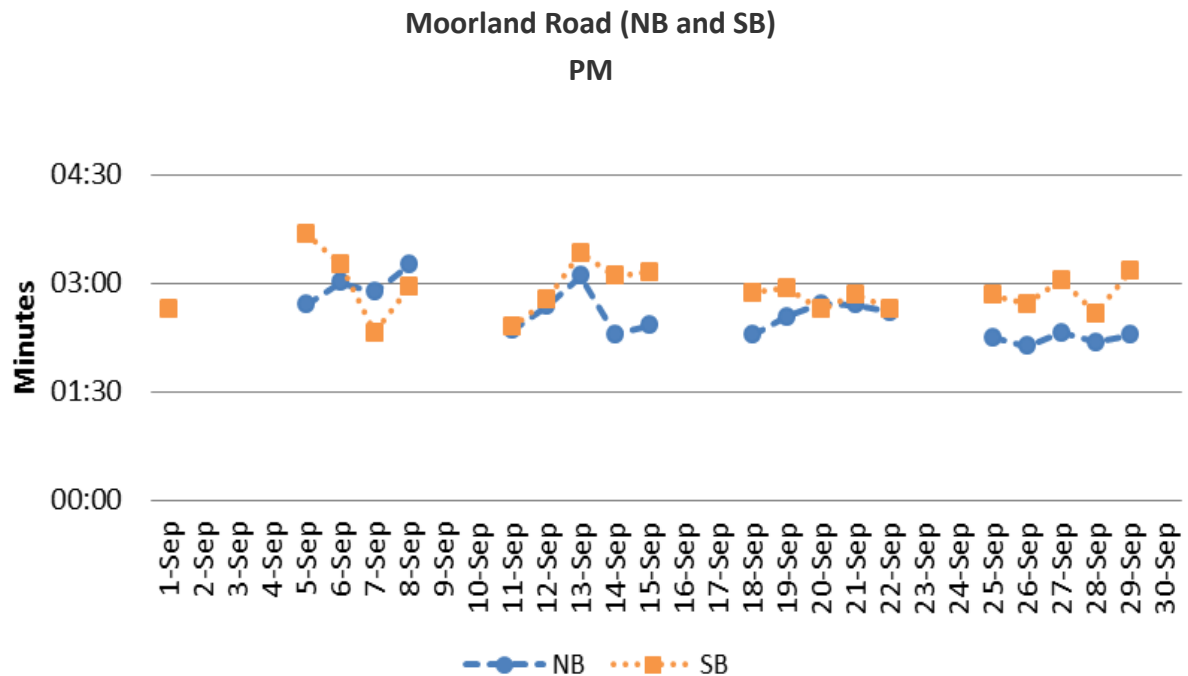
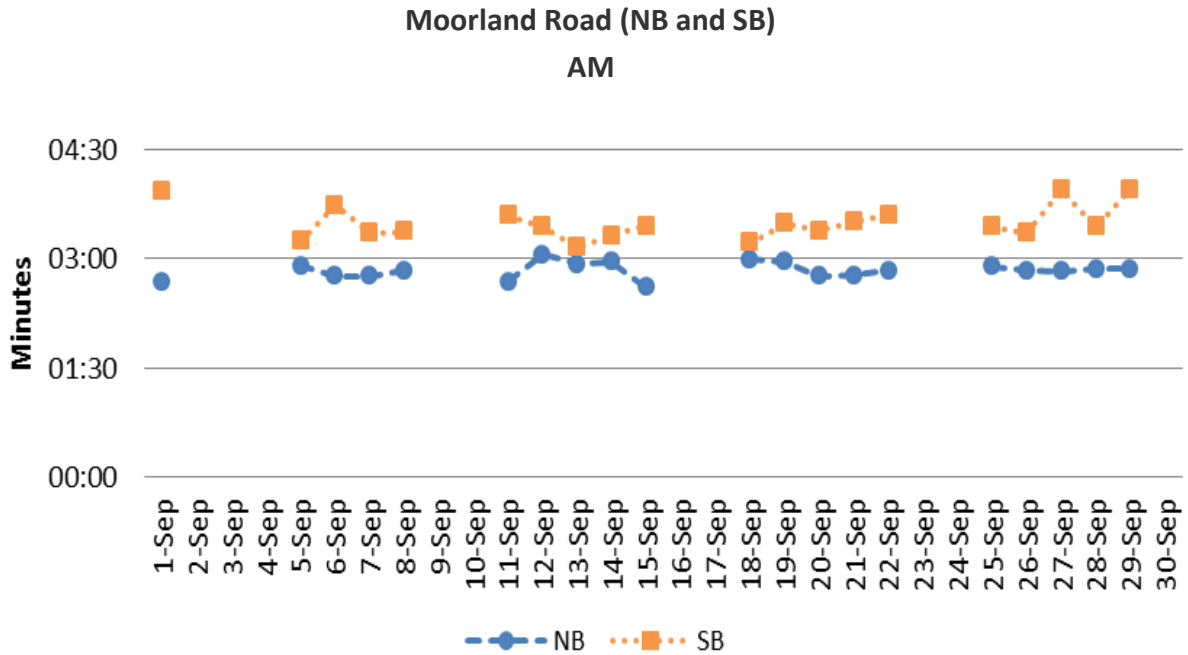
SOUTH LEG - I-94 to Beloit Road (SB)

PM



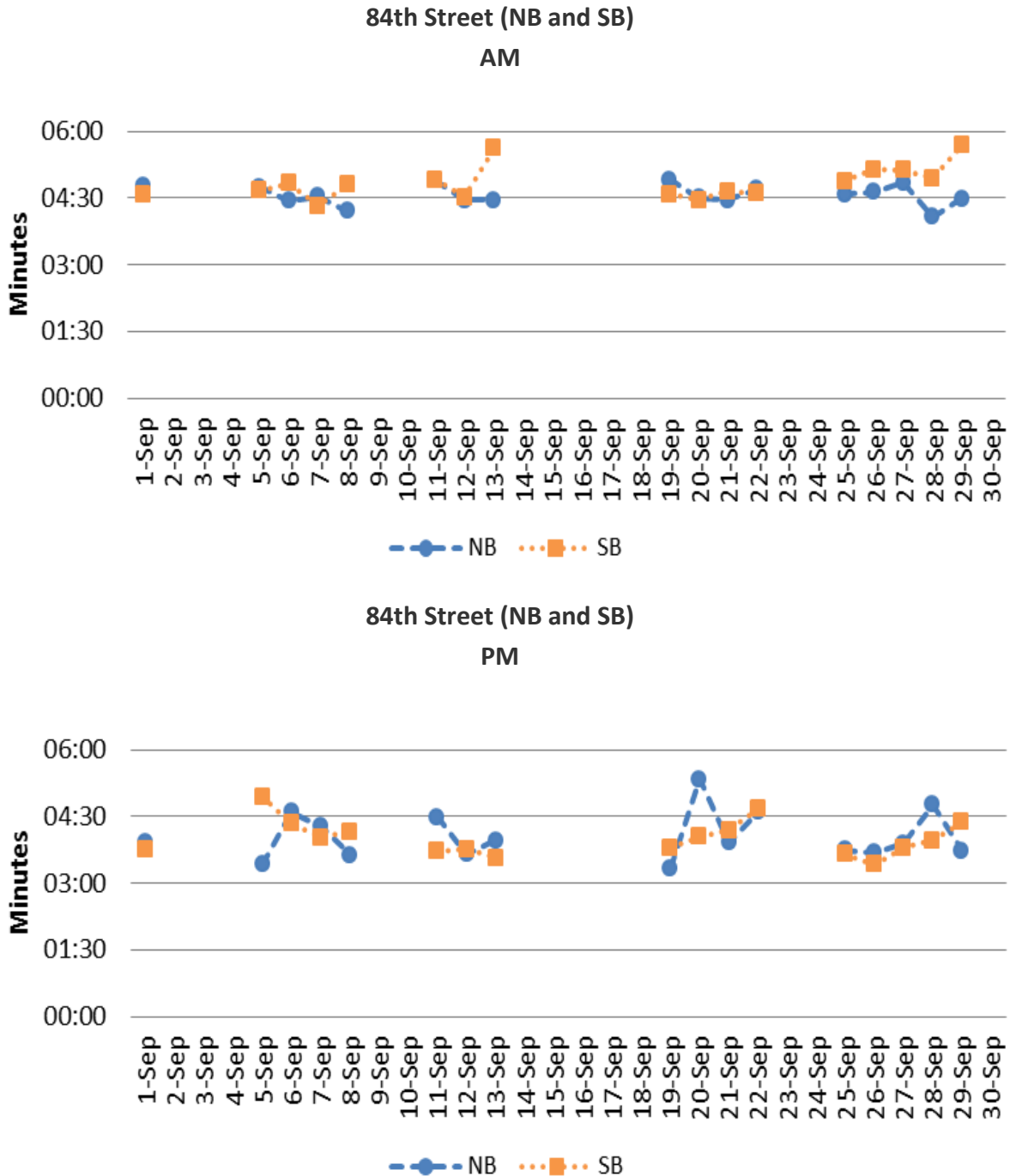
Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME



Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

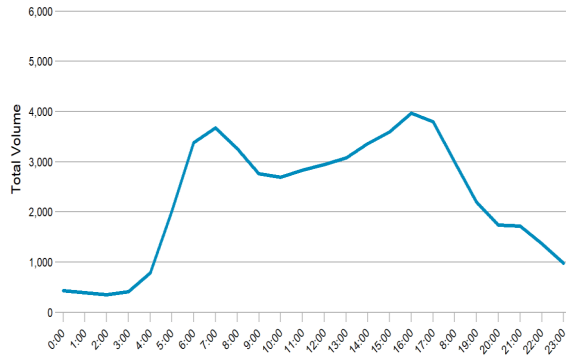


Notes: AM (6am to 9am) and PM (3pm to 6pm)

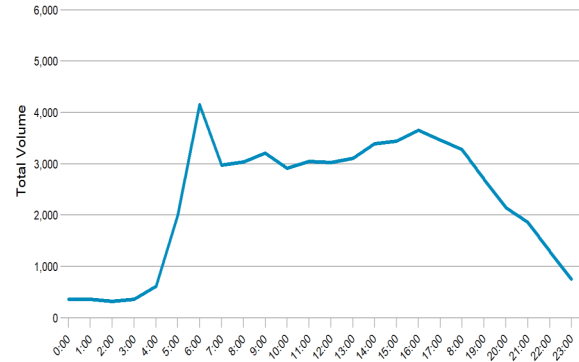
Data not available for 84th St from September 14 to 18 due to a Bluetooth device malfunction.

DIRECTIONAL VOLUMES—FREEWAYS

I-94 at 84th Street WB



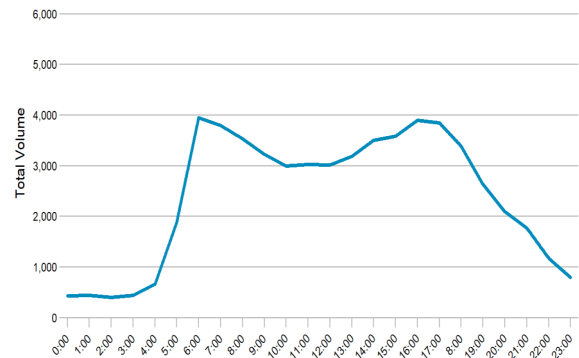
I-94 at 84th Street EB



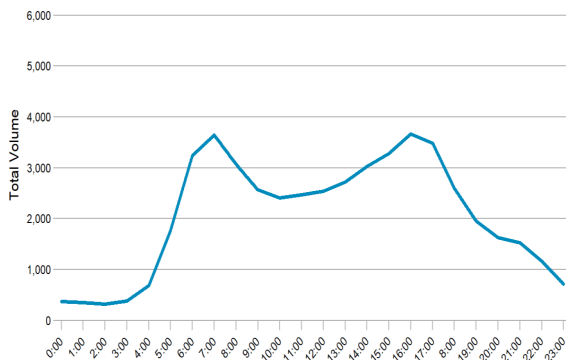
I-94 at WIS 100 WB

No Data Available

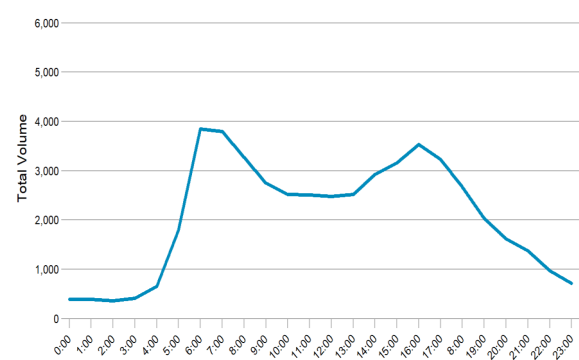
I-94 at WIS 100 EB



I-94 at Moorland Road WB



I-94 at Moorland Road EB



Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

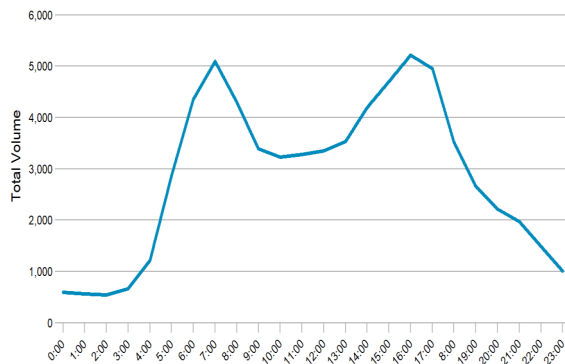
I-41 at Bluemound Road NB

No Data Available

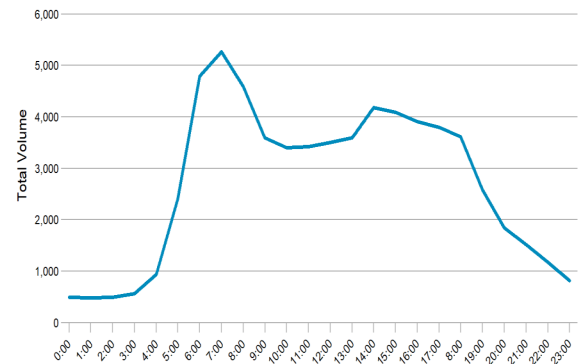
I-41 at Bluemound Road SB

No Data Available

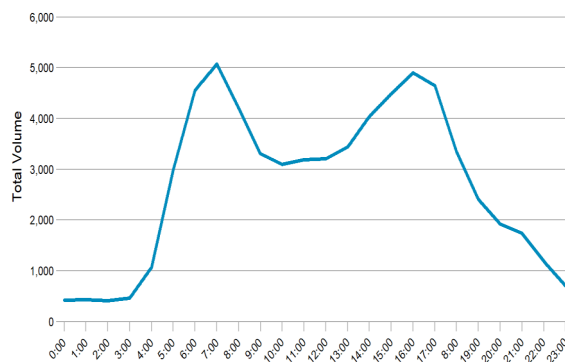
I-41 at Burleigh Street NB



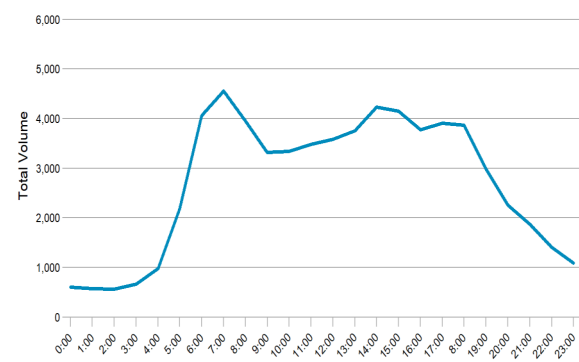
I-41 at Burleigh Street SB



I-41 at Watertown Plank Road NB



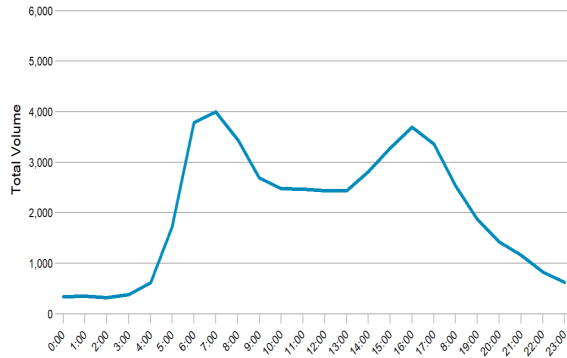
I-41 at Watertown Plank Road SB



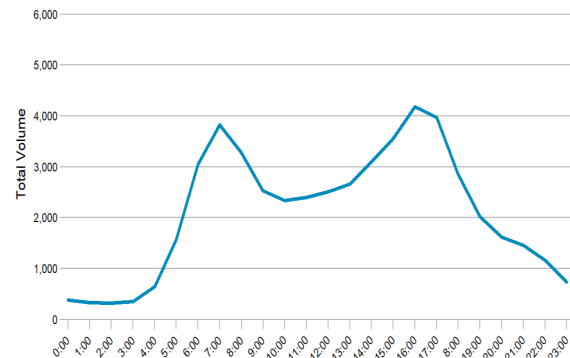
Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

I-94 at Barker Road EB



I-94 at Barker Road WB



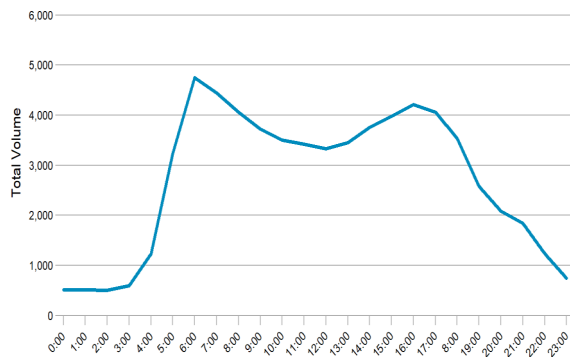
I-41 at Greenfield Avenue NB

No Data Available

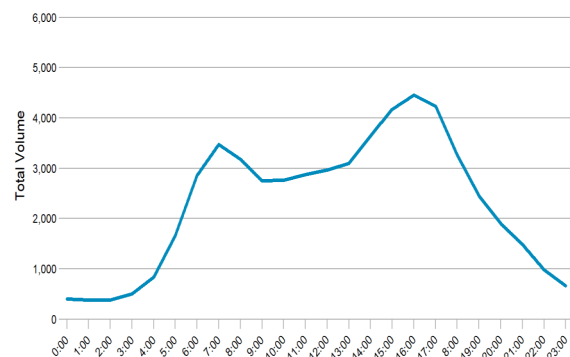
I-41 at Greenfield Avenue SB

No Data Available

I-41 at Cleveland Avenue NB

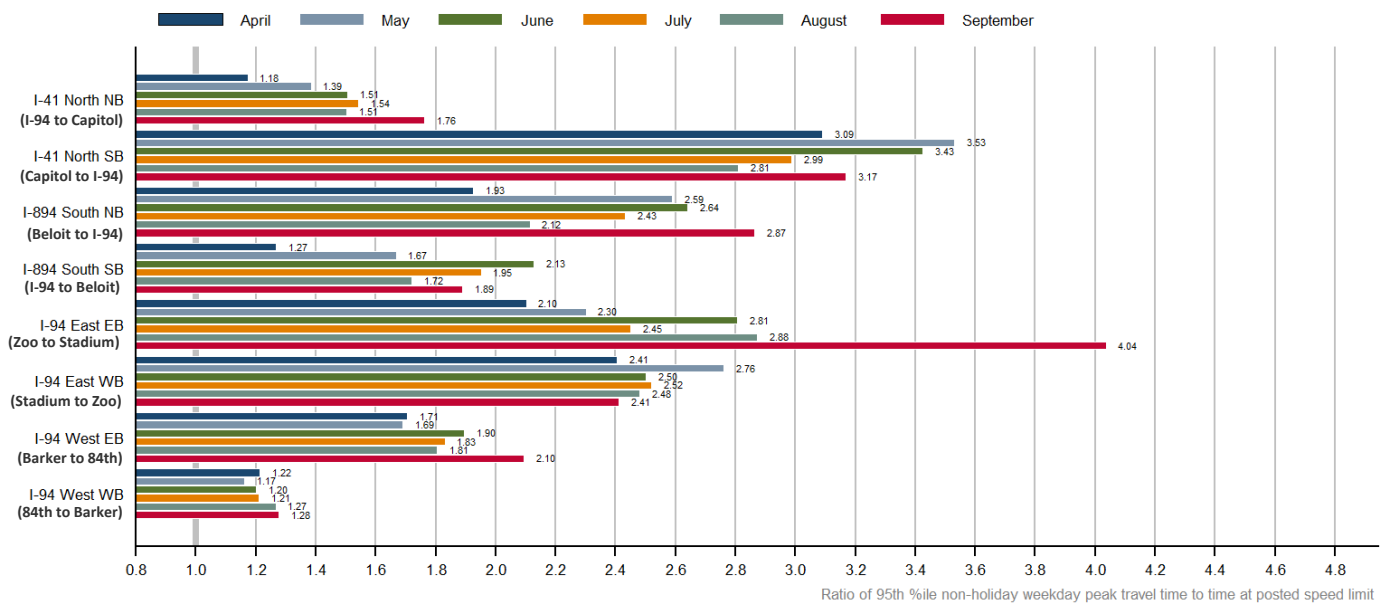
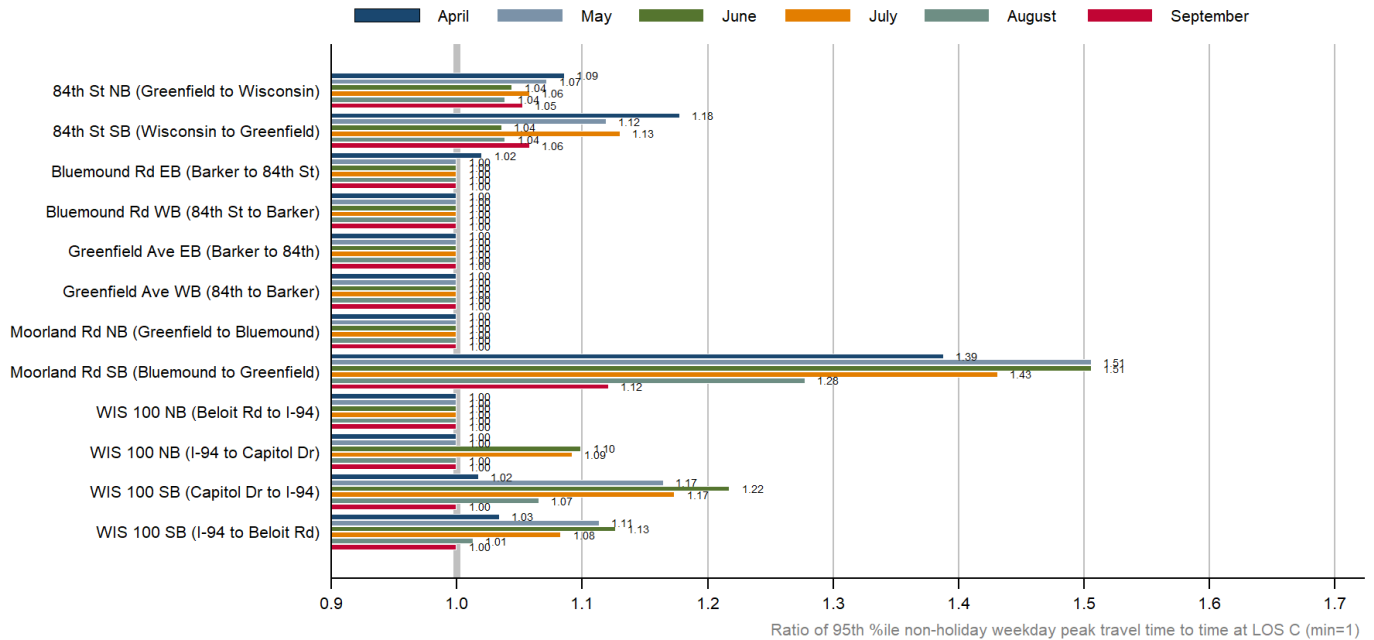


I-41 at Cleveland Avenue SB

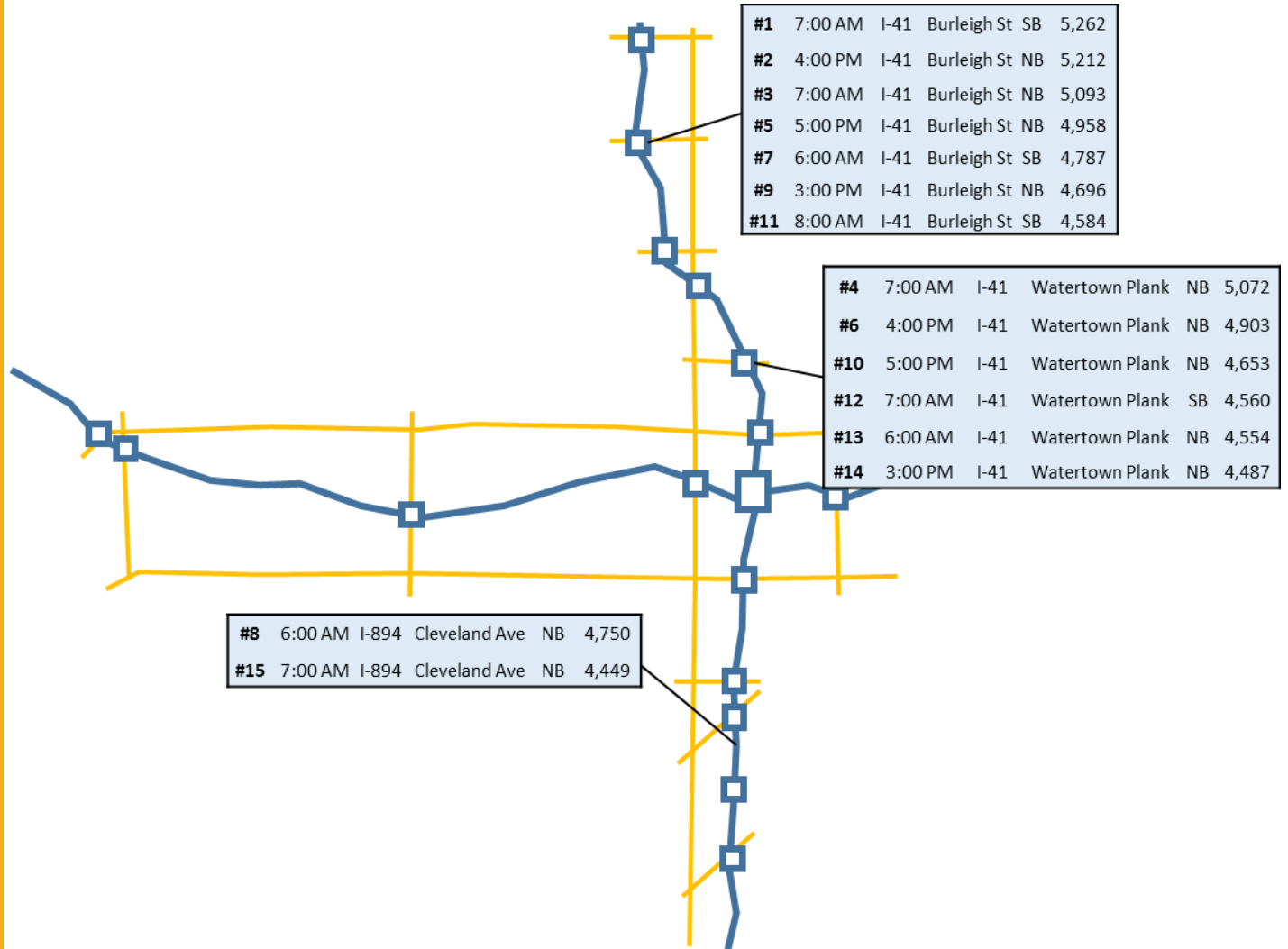


Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

PLANNING TIME INDEX (PTI)

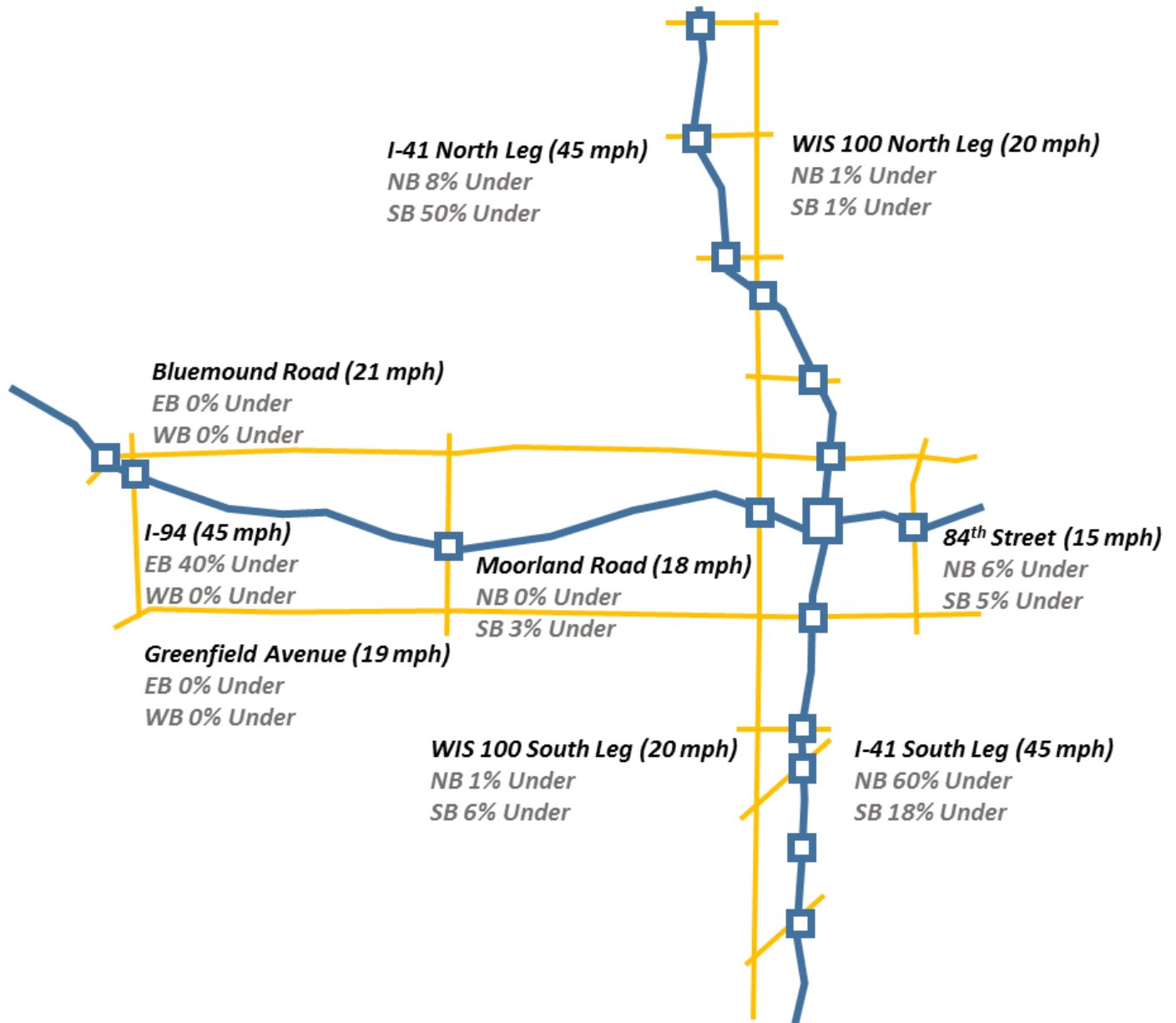


TOP TRAFFIC VOLUME HOURS—FREEWAYS



Notes: Volume hours averaged over the month.
Weekdays, Non-holidays

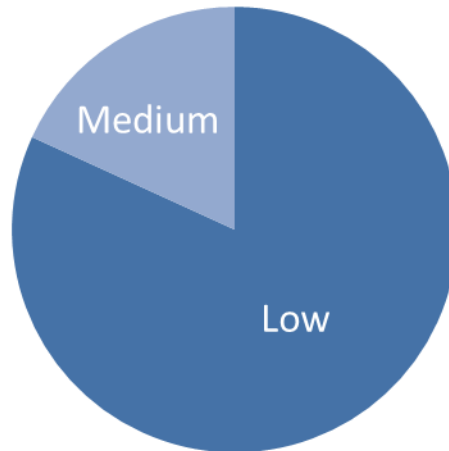
PERCENT UNDER A GIVEN SPEED THRESHOLD



Notes: Percentages are peak hours [AM (6am to 9am) and PM (3pm to 6pm)] under the speed threshold noted next to each corridor. Weekdays, Non-holidays

Arterial street actual speed compared to LOS C speed which is 50% of the posted speed limit. The freeway actual speed is compared to 45 mph.

DEVICE FAILURE IMPACT



Device	Location	Days Out	AADT	Total Vehicles	Impact
CCTV-40-0112	WIS 100 @ Greenfield Ave	1	25,500	25,500	Low
CCTV-40-0195	WIS 100 @ National Ave	2	25,500	51,000	Low
CCTV-67-0119	Bluemound Rd @ Barker Rd	1	36,600	36,600	Low
DMS-40-0109	Bluemound Rd EB @ 114th St	2	15,250	30,500	Low
DMS-67-0122	Greenfield Ave WB @ E of Moorland Rd	2	13,850	27,700	Low
RM-40-0025	I-41 SB @ Watertown Plank Rd EB	1	78,000	78,000	Low
RM-40-0038	I-41/894 NB @ Lincoln Ave	2	78,000	156,000	Medium
RM-40-0038	I-41/894 NB @ Lincoln Ave	1	78,000	78,000	Low
RM-40-0061	I-94 WB @ WIS 100	2	67,000	134,000	Medium
WDS-0122	North Ave @ I-41	2	26,700	53,400	Low
WDS-0127	Greenfield Ave @ 92nd St	1	14,600	14,600	Low

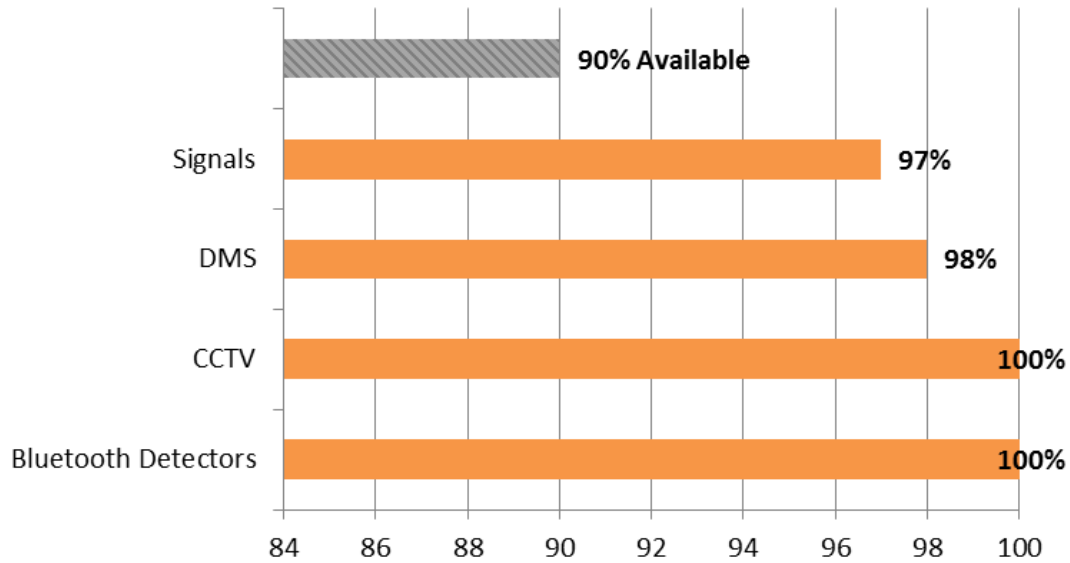
LOW <100,000
 MEDIUM 100,000 TO 500,000
 HIGH >500,000

Notes: Device Failure Impact tracks the status/health of an actual field device. This measure monitors the infrastructural investment and may assist with prioritizing response.

MAJOR COMMUNICATION FAILURE IMPACT

None for the month of September.

DEVICE COMMUNICATION AVAILABILITY



Measure Summary

CCTV Outages

Signals with Communication Failures

Bluetooth Outages

Moorland Rd @ Shopping Center
Moorland Rd @ Shopping Center South

Notes: Device Communication Availability tracks the status/health of communication infrastructure that services field devices. Unmanaged signals are offline due to construction or maintenance activities.

Appendix

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
CORRIDOR AVERAGE TRAVEL TIME (MIN:SEC)						
Bluemound Road—84th Street to Barker Road (EB) AM	15:19	14:51	22:00	✓	15:10	↑
Bluemound Road—84th Street to Barker Road (EB) PM	14:05	13:54	22:00	✓	14:01	
Bluemound Road—84th Street to Barker Road (WB) AM	16:37	15:51	22:00	✓	16:22	↑
Bluemound Road—84th Street to Barker Road (WB) PM	13:44	13:32	22:00	✓	13:46	
I-94—84th Street to Barker Road (EB) AM	08:29	10:22	10:08		09:04	↓
I-94—84th Street to Barker Road (EB) PM	11:25	10:59	10:08		11:27	
I-94—84th Street to Barker Road (WB) AM	07:48	08:07	10:08	✓	07:53	
I-94—84th Street to Barker Road (WB) PM	08:22	08:18	10:08	✓	08:15	
Greenfield Avenue—84th Street to Barker Road (EB) AM	15:32	15:57	23:41	✓	15:40	
Greenfield Avenue—84th Street to Barker Road (EB) PM	14:37	15:01	23:41	✓	14:52	
Greenfield Avenue—84th Street to Barker Road (WB) AM	15:42	15:31	23:41	✓	15:40	
Greenfield Avenue—84th Street to Barker Road (WB) PM	14:31	14:39	23:41	✓	14:45	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM	09:19	09:09	12:12	✓	09:21	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM	08:11	08:15	12:12	✓	08:12	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM	08:47	08:40	12:12	✓	08:54	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM	08:39	08:41	12:12	✓	08:39	
I-41—Capitol Drive to I-94 (NB) AM	04:36	04:36	06:24	✓	04:35	
I-41—Capitol Drive to I-94 (NB) PM	05:31	05:26	06:24	✓	05:33	
I-41—Capitol Drive to I-94 (SB) AM	04:11	04:36	06:24	✓	04:19	
I-41—Capitol Drive to I-94 (SB) PM	08:40	08:39	06:24		08:46	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM	08:14	07:58	11:36	✓	08:11	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM	07:24	07:34	11:36	✓	07:31	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM	08:35	08:19	11:36	✓	08:30	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM	07:38	07:59	11:36	✓	07:47	
I-41—I-94 to Beloit Road (NB) AM	03:23	04:33	04:24		03:46	↓
I-41—I-94 to Beloit Road (NB) PM	03:48	03:52	04:24	✓	03:54	
I-41—I-94 to Beloit Road (SB) AM	02:59	02:58	04:24	✓	02:58	
I-41—I-94 to Beloit Road (SB) PM	03:54	03:45	04:24	✓	03:52	
Moorland Road (NB) AM	02:55	02:50	04:36	✓	02:56	
Moorland Road (NB) PM	02:36	02:39	04:36	✓	02:43	
Moorland Road (SB) AM	03:40	03:29	04:36	✓	03:35	
Moorland Road (SB) PM	02:54	02:54	04:36	✓	03:02	
84th Street (NB) AM	04:26	04:34	06:12	✓	04:32	
84th Street (NB) PM	03:52	04:03	06:12	✓	03:58	
84th Street (SB) AM	04:44	04:51	06:12	✓	04:52	
84th Street (SB) PM	04:09	04:01	06:12	✓	04:01	

*Trend = difference of 30 seconds or more from previous to current month

ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - September 2017

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
CORRIDOR AVERAGE SPEED (MPH)						
Bluemound Road—84th Street to Barker Road (EB) AM	30	31	21	✓	30	
Bluemound Road—84th Street to Barker Road (EB) PM	33	33	21	✓	33	
Bluemound Road—84th Street to Barker Road (WB) AM	28	29	21	✓	28	
Bluemound Road—84th Street to Barker Road (WB) PM	33	34	21	✓	33	
I-94—84th Street to Barker Road (EB) AM	57	47	45	✓	54	↓
I-94—84th Street to Barker Road (EB) PM	43	44	45		43	
I-94—84th Street to Barker Road (WB) AM	58	56	45	✓	57	
I-94—84th Street to Barker Road (WB) PM	54	55	45	✓	55	
Greenfield Avenue—84th Street to Barker Road (EB) AM	29	29	19	✓	29	
Greenfield Avenue—84th Street to Barker Road (EB) PM	31	31	19	✓	31	
Greenfield Avenue—84th Street to Barker Road (WB) AM	29	29	19	✓	29	
Greenfield Avenue—84th Street to Barker Road (WB) PM	31	31	19	✓	31	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM	27	27	20	✓	27	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM	31	30	20	✓	31	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM	28	29	20	✓	28	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM	29	29	20	✓	29	
I-41—Capitol Drive to I-94 (NB) AM	56	56	45	✓	56	
I-41—Capitol Drive to I-94 (NB) PM	49	49	45	✓	49	
I-41—Capitol Drive to I-94 (SB) AM	56	51	45	✓	54	↓
I-41—Capitol Drive to I-94 (SB) PM	28	28	45		28	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM	27	28	20	✓	27	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM	31	30	20	✓	30	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM	26	27	20	✓	26	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM	30	28	20	✓	29	
I-41—I-94 to Beloit Road (NB) AM	49	37	45		45	↓
I-41—I-94 to Beloit Road (NB) PM	45	47	45	✓	45	
I-41—I-94 to Beloit Road (SB) AM	56	56	45	✓	56	
I-41—I-94 to Beloit Road (SB) PM	43	46	45	✓	44	
Moorland Road (NB) AM	27	27	18	✓	26	
Moorland Road (NB) PM	30	31	18	✓	29	
Moorland Road (SB) AM	21	22	18	✓	21	
Moorland Road (SB) PM	27	27	18	✓	26	
84th Street (NB) AM	21	20	15	✓	20	
84th Street (NB) PM	24	23	15	✓	23	
84th Street (SB) AM	20	19	15	✓	19	
84th Street (SB) PM	23	23	15	✓	23	

*Trend = difference of 4 mph or more from previous to current month

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
DIRECTIONAL VOLUMES OF FREEWAYS (ADT)						
I-94 & 84th Street WB	59,775	54,772			58,079	↓
I-94 & 84th Street EB	56,261	55,505			55,832	
I-94 & WIS 100 WB	n/a	n/a			n/a	
I-94 & WIS 100 EB	58,748	57,724			58,236	
I-94 & Moorland Road WB	49,427	49,628			48,308	
I-94 & Moorland Road EB	51,468	49,976			50,608	
I-94 & Barker Road EB	53,134	49,124			50,888	↓
I-94 & Barker Road WB	51,729	50,866			51,027	
I-41 & Bluemound Road NB	n/a	n/a			n/a	
I-41 & Bluemound Road SB	n/a	n/a			n/a	
I-41 & Burleigh Street NB	65,452	68,910			66,439	↑
I-41 & Burleigh Street SB	65,869	65,072			65,443	
I-41 & Watertown Plank Road NB	66,145	65,278			65,582	
I-41 & Watertown Plank Road SB	65,483	65,199			64,883	
I-41 & Greenfield Avenue NB	n/a	n/a			n/a	
I-41 & Greenfield Avenue SB	n/a	n/a			n/a	
I-41 & Oklahoma Avenue NB	66,824	65,334			66,059	
I-41 & Oklahoma Avenue SB	n/a	65,426			63,932	

*Trend = > 3000 ADT difference from previous to current month

Reliability

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
PERCENT UNDER A GIVEN SPEED THRESHOLD (%)			<50%			
Bluemound Road (EB)	1%	0%		✓	0%	
Bluemound Road (WB)	0%	0%		✓	0%	
Greenfield Avenue (EB)	0%	0%		✓	0%	
Greenfield Avenue (WB)	0%	0%		✓	0%	
Moorland Road (NB)	0%	0%		✓	1%	
Moorland Road (SB)	9%	3%		✓	11%	↑
84th Street (NB)	24%	6%		✓	11%	↑
84th Street (SB)	11%	5%		✓	7%	↑
WIS 100 North Leg (NB)	1%	1%		✓	2%	
WIS 100 North Leg (SB)	3%	1%		✓	3%	
WIS 100 South Leg (NB)	1%	1%		✓	1%	
WIS 100 South Leg (SB)	10%	6%		✓	8%	
I-94 (EB)	33%	40%		✓	37%	↓
I-94 (WB)	0%	0%		✓	0%	
I-41 North Leg (NB)	13%	8%		✓	11%	↑
I-41 North Leg (SB)	48%	50%		✓	49%	
I-41 South Leg (NB)	22%	60%			36%	↓
I-41 South Leg (SB)	35%	18%		✓	26%	↑

*Trend = 5% or more difference from previous to current month